

Amendments to the Specification Please replace the paragraph beginning on page 11 line 18 with the following paragraph.

"The first set of data streams 10 and second set of data streams 26 are processed through respective communication channels. However, each of the spreading codes of all of the channels is different for cochannel isolation. The clock generators 16 and 32 can be one clock generator for providing the same clock signals to the first and second sets of communications channels. Additionally, the first set of data streams 10 are data formatted and then modulated by NRZ formatted spreading codes from the first set NRZ code formatters 20, and the second set of data streams 26 are data formatted and then modulated by Manchester formatted spreading codes from the Manchester formatters 36. The first set of modulators 24 and the second set of modulators 40 provide respective NRZ spectrum spread signals and Manchester spectrum spread signals to a transmitter combiner 42 for combining the NRZ formatted spectrum spread signals and Manchester spectrum spread signals into a composite spectrum signals having a dual spectrum. The NRZ formatted spectrum is a nonsplit spectrum and the Manchester formatted spectrum is a split spectrum. Hence, the composite spectrum is a composite of a nonsplit spectrum resulting for NRZ code formatting and a split spectrum resulting from Manchester code formatting. The modulators 24 and 40 uniphase modulate the spread spectrum signals by a carrier signal having a carrier frequency. The composite spread spectrum communication signal is a uniphase composite spread spectrum communication signal that is amplified by a high power amplifier 44 and transmitted as a dual spectrum communication signal using a transmitter antenna 46."